What is claimed is:

1. A sensor element comprising a first conductor and a second conductor disposed transversely with respect to the first conductor to define a first junction, wherein at an applied voltage, a first conductance is produced in the absence of applied weight to sensor element and a second conductance is produced in the presence of applied weight to the sensor element, the second conductance being greater than the first conductance.

2. The sensor element defined in claim 1, wherein the first conductor comprises an electrically conductive first fibrous material.

3. The sensor element defined in claim 2, wherein the first fibrous material is comprised in a first woven fabric.

4. The sensor element defined in claim 3, wherein the first woven fabric further comprises an electrically non-conductive first fibrous material.

5. The sensor element defined in claim 1, wherein the second conductor comprises an electrically conductive second fibrous material.

6. The sensor element defined in claim 5, wherein the second fibrous material is comprised in a second woven fabric.

7. The sensor element defined in claim 6, wherein the second woven fabric further comprises an electrically non-conductive second fibrous material.

8. The sensor element defined in claim 1, wherein the first conductor comprises an electrically conductive first fibrous material and the second conductor comprises an electrically conductive second fibrous material.

9. The sensor element defined in claim 8, wherein the first fibrous material is comprised in a first woven fabric and the second fibrous material is comprised in a second woven fabric.

10. The sensor element defined in claim 9, wherein the first woven fabric further comprises an electrically non-conductive first fibrous material and the second woven fabric further comprises an electrically non-conductive second fibrous material.

11. The sensor element defined in claim 9-10, wherein the first woven fabric and the second woven fabric are comprised of the same material.

12. The sensor element defined in claim 9, wherein the first woven fabric and the second woven fabric are comprised of different materials.

13. The sensor element defined in claim 1, wherein the first conductor comprises an electrically conductive first layer and the second conductor comprises an electrically conductive second layer.

14. The sensor element defined in claim 1, wherein the first conductor comprises an electrically conductive metal first layer and the second conductor comprises an electrically conductive metal second layer.

15. The sensor element defined in claim 13, wherein an electrically conductive fibrous material is interposed between the first layer and the second layer.

16. The sensor element defined in claim 15, wherein the electrically conductive fibrous material is comprised in a woven fabric.

17. The sensor element defined in claim 16, wherein the woven fabric further comprises an electrically non-conductive fibrous material.

18. A foam element comprising at least one sensor element as defined in claim 1.

19. A vehicular element comprising, in combination, a foam element and at least one sensor element as defined in claim 1.

20. A vehicular seat element comprising a foam element having at least one seating surface, the seating surface comprising at least one sensor element as defined in claim 1.

21. A vehicular seat comprising a seat back and a seat bottom, at least one of the seat back and the seat bottom comprising at least one sensor element as defined in claim 1.

22. The vehicular seat defined in claim 21, wherein at least one sensor element is disposed in each of the seat back and the seat bottom.

23. The vehicular seat defined in claim 21, wherein a plurality of sensor elements is disposed in one or both of the seat back and the seat bottom.

24. The vehicular seat defined in claim 21, wherein a plurality of sensor elements is disposed in one or both of the seat back and the seat bottom.

25. The vehicular seat defined in claim 23, wherein the plurality of sensor elements is arranged in an X-Y matrix.